Serial No.: 09/887,831
Battin et al.
CE08914R

REMARKS

Reconsideration and allowance in view of the following Remarks is earnestly requested. Claims 1-3, 6, 8, 10, 13, 18, 21-23, 25-26, 32, 34-35, 38, 43-44 and 46 are currently pending.

In the Office Action, claims 1-3, 6, 10, 13, 18, 21-23, 25-26, 34-35, 38, 43, and 46 were rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent No. 5,627,829 to Gleeson et al. Applicant has amended independent 1, 21 and 25 to further define the invention and has made amendments to the dependent claims to make the consistent with the independent claims. Applicant respectfully disagrees that Gleeson anticipates the claims as presented and therefore traverses the rejection.

According the Response to Arguments section in the Office Action, the claims as previously presented failed to claim the features that the invention breaks up the end-to-end communication into two separate connections. Applicants' amendments to claims 1, 21 and 25 makes clear that each claim includes three elements, i.e., an agent communication device, a client communication device and a destination device. Please refer to the Amendment filed September 9, 2005 for a discussion of how the agent communication device and client communication device are referenced in the claims. In particular, the amendment makes clear that there is a third device, i.e. the destination device, that is a part of the claimed method and apparatus. Applicant respectfully submits that the previous use of the element "destination" standing alone is sufficient to indicate that the destination was a device within the claimed method and apparatus.

The use of the term "destination device" distinctly claims that the present invention breaks up the end-to-end communication. The independent claims include the agent communication device that receives a message in the socket abstraction layer containing information regarding the destination device for the message but not containing information identifying the client communication device, such as a mobile subscriber, which originates the message. That message is translated into a connection

9

Serial No.: 09/887,831
Battin et al.
CE08914R

request, which identifies the client communication device, and the connection request is routed to the destination device. A header is generated at the agent communication device in the socket abstraction layer that uses the missing socket information that identifies the client communication device. The virtual connection between the client communication device and the destination device is created while removing information including destination information from the header. This information is removed as it is no longer needed to make the connection with the destination device. This information is not replaced by any other information and therefore reduces the size of the packet and operates in the socket abstraction layer. Accordingly, the claims insert the agent communication device in between the client communication device and the destination device to facilitate the establishment of and communications over the virtual connection. The use of the agent communication device as claimed effectively breaks up the end-to-end communication between the client communication device and the destination device.

Gleeson, on the other hand, discloses traditional compression techniques. Importantly, these traditional compression techniques are disclosed in terms of the client communication device and the destination device. As stated earlier, the removal of information in Gleason is done in the end devices, e.g. the client communication device and the destination device. Gleeson does not disclose using an agent communication device as a part of the traditional compression technique. Without the use of the agent communication device, Gleeson does not disclose breaking up the end-to-end communication as a part of the compression technique. Gleeson does not discuss removing information in the socket abstraction layer as required by independent claims 1, 21 and 25. Instead of using traditional compression techniques, the present invention operates in the socket abstraction layer by removing information not needed to communicate between an agent communication device and a client communication device and the client communication device and a destination device while maintaining the connection between the agent communication device and the destination device. In other words, the claimed invention breaks up the end-to-end communication discussed in Gleeson into two separate connections.

10

Serial No.: 09/887,831
Battin et al.
CE08914R

Applicants have also amended claim 1 to include the first, otherwise referred to as the agent, communication device as an element within the body of the claim. The inclusion of this element into the claims further defines the three elements that are involved in the claimed method. In particular, the first communication device receives a message in a socket abstraction layer from the second (client) communication device, routes the connection device to the destination device, receives a data packet from the second communication device and generates a header.

Based on the differences between the subject matter claimed in independent claims 1, 21, and 25, applicants respectfully submit that these claims are not anticipated by Gleeson and request that the rejection under Section 102(b) be withdrawn. In addition, applicants request that the Section 102(b) rejections to pending claims 2-3, 6, 10, 13, 18, 22-23, 26, 34-35, 38, 43 and 46 be withdrawn as these claims depend on the amended independent claims.

The Examiner also rejected claims 8, 32 and 44 under 35 U.S.C. § 103(a) as being unpatentable over Gleeson in view of United States Patent Application No. 2002/0091860 to Kalliokulju. As stated above, applicants have amended independent claims 1 and 25. The Examiner states that Kalliokulju packet convergence protocol (PDCP) context. Kalliokulju does not disclose making a connection as claimed by applicants. In particular, Kalliokulju does not focus on the operation of an agent communication device in making and maintaining the connection between a client communication device and a destination. Kalliokulju does not disclose having headers with missing information concerning the destination of the desired connection. Accordingly, applicants respectfully submit that the combination of Gleeson and Kalliokulju does not teach or suggest the present invention. Applicants respectfully request that the rejection under Section 103(a) be withdrawn.

11

Serial No.: 09/887,831
Battin et al.
CE08914R

As the applicants have overcome all substantive rejections and objections given by the Examiner and have complied with all requests properly presented by the Examiner, the applicants contend that this Amendment, with the above discussion, overcomes the Examiner's objections to and rejections of the specification pending claims. Therefore, the applicants respectfully solicit allowance of the application. If the Examiner is of the opinion that any issues regarding the status of the claims remain after this response, the Examiner is invited to contact the undersigned representative to expedite resolution of the matter.

12

Serial No.: 09/887,831
Battin et al.
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    Please charge any fees associated herewith, including extension of time fees, to

50-2117.

                          Respectfully submitted,
                          Battin, Robert et al.

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13

Serial No.: 09/887,831
Battin et al.
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12